

THE TECH

VOL. XXVIII. No. 30

BOSTON, MASS., MONDAY, DECEMBER 7, 1908

PRICE THREE CENTS

HOWLAND BREAKS ANOTHER RECORD

Wins] Cross Country Handicap over Eight Mile Course from Scratch

FRESHMEN DO WELL

**Howland 1908 — Stephenson 1909
Benson 1912 and Ferry 1912
Make Best Times**

In the annual handicap cross-country race and under the most adverse conditions imaginable, Harold H. Howland 1908, former captain of the Technology cross-country team, broke the record for the West Roxbury 8-mile course by 32 seconds. It was a significant fact that the man who previously held the record which has stood since 1904, was also running in the race for practice. The man was E. H. Lorenz, another Institute cross-country ex-captain.

Howland not only broke the record, but he also won first place in the race overcoming a handicap of seven minutes on the eight-mile course. His elapsed time was 53 minutes 23 seconds, making his actual time 46 minutes 23 seconds. The former record, held by Lorenz, was 46 minutes 55 seconds.

Frederick H. Busby, the old English High School runner, was second, but he ran with a handicap of five minutes. Close behind him at the tape was R. M. Ferry, another freshman.

At this point Lorenz came in, but he was only running an exhibition race, so his points and place did not count. The time he made was excellent, considering that he has not done very much athletic work lately. He covered the course in 47 minutes 39.3-5 seconds, actual time. This was but a little behind his former record, made while he was captain of the team.

The recent relations between Howland and Lorenz have been interesting in the extreme. The old-time star held the records for both the regular Technology course to Tech Field and the course run over yesterday. Since Lorenz left the Institute, Howland has broken both records and he has been heartily encouraged in both attempts by his past rival.

Four men were awarded the "cTe" for the best actual times made. The men to whom this insignia goes are H. H. Howland 1908, 46m 23s; J. N. Stephenson 1909, 49m 6s; H. S. Benson 1912, 49m 31s; and E. E. Ferry 1912, 51m 12s.

An interesting fact concerning the race and one which augurs well for the cross-country team in the future, is that eleven freshmen ran in the race.

The order and times of the men to finish were as follows:

	Elapsed	Corc'd.
	Time	Time
	m. s.	m. s.
1—H. H. Howland 1908	53 23	46 23
2—F. H. Busby 1912	53 03	51 34
3—R. M. Ferry 1912	53 45	51 45
4—E. E. Ferry 1912	54 42	51 12
5—H. S. Benson 1912	55 01	49 31
6—B. C. Huber 1910	56 02	51 32
7—J. N. Stephenson 1909	56 06	49 06
8—J. Lenearts 1912	57 12	57 12
9—G. H. Magee 1910	57 40	56 10
10—J. G. Tripp 1910	57 45	54 15
11—V. V. Ballard 1912	58 15	53 45
12—C. L. Tuller 1912	59 12	56 12
13—N. G. Herreshoff 1912	59 25	56 55
14—R. E. Hyde 1912	61 35	61 03
15—M. D. Hersey 1909	61 11	59 41
16—R. Emmel 1911	63 02	61 31

C. L. Campbell 1909—lost course.
Four best actual times—H. H. Howland 1908, 46m. 23s.; J. N. Stephenson 1909, 49m. 6s.; H. S. Benson 1912, 50m. 31s.; and E. E. Ferry 1912, 51m. 12s.

Officials—Starter, Frank M. Kanaly. Referee, R. Ellis 1909. Marshals—Theodore Whittemore, Roxbury Latin; F. H. Hunter 1902, A. R. Hunter 1908, E. H. Gage, Roxbury Latin.

TODAY IS 104TH ANNIVERSARY OF BIRTH OF PRESIDENT ROGERS

"He gave his eloquence, his untiring energy, his rare wisdom, and life itself to founding and upbuilding the Institute."

J. P. MUNROE WRITES LIFE OF FOUNDER

President Rogers Died at Graduation Exercises in 1882, but had Seen Institute Emerge from Experimental Stage Prepared for Useful Career



President William B. Rogers

One hundred and four years ago today, William Barton Rogers was born. A friend of Agassiz and Huxley and other leading men, he was one of the foremost educationalists of his time. Besides founding the Institute, he prepared the petition to the Massachusetts legislature and led the movement which resulted in the present buildings and in the buildings and organization of the Boston Society of Natural History, in the Boston Museum of Fine Arts, and, more indirectly, in Trinity Church and the Boston Public Library.

The following is a life of President Rogers reprinted from The Tech of December 7, 1904, for which it was written by James Phinney Monroe 1882: William Barton Rogers, founder and first president of the Institute, was born in Philadelphia, Dec. 7, 1804. The second son of Patrick Kerr Rogers, he and his three brothers—all distinguished men of science—were educated at the College of William and Mary, where their father was Professor of Natural Philosophy, and where William at the age of 24, succeeded him.

Seven years later William Rogers was called to a similar chair in the University of Virginia. In the same year (1835), he was appointed head of the geological survey of Virginia, his brilliant work in science having already given him international reputation.

In 1846 he and his brother Henry formulated a "Plan for a Polytechnic School in Boston," which much influenced the Lawrence and Sheffield Scientific Schools, founded—in connection

with Harvard and Yale respectively—not long thereafter.

Convinced, however, that the educational and industrial needs of the time could be met only by a wholly independent school, Professor Rogers, soon after coming to Boston in 1853, joined the movement already begun by leading merchants and manufacturers of the city for the creation of such an institution; and from 1859 until his death—although for the greater part of that period an invalid—he gave his eloquence, his untiring energy, his rare wisdom, and finally life itself, to the founding and upbuilding of the Massachusetts Institute of Technology.

Limited space forbids even an outline of this achievement of his which involved the convincing of the public and the legislature, the raising, during a time of war, of large sums of money, the working out of a new scheme of education, the creation of teaching laboratories, and the carrying forward against poverty, misunderstanding, and ceaseless opposition, of a costly and complicated educational experiment.

For President Rogers and his associates aimed to establish and did indeed create much more than a school of technical training. They created an institution where high purpose and honest work are fundamental; where youth expect to behave and to labor like men; where for a vague, "imbibed" culture is substituted the real culture acquired through doing a hard task thoroughly, truthfully, and in a scholastic manner.

(Continued on page 4.)

MUSICAL PROGRAM GIVEN UNION NIGHT

**Glee and Mandolin Clubs
and Soloists Well
Received**

ENTHUSIASTIC CROWD

**Present in Spite of Rain — Clubs
Show Results of Season's
Practice Work**

"Union Night" demonstrated its popularity with the students last week when over 125 turned out for the Friday entertainment in spite of the disagreeable weather. The Technology Glee and Mandolin Clubs, under the leadership of C. W. Kyle 1909, and H. J. Stiebel 1909, respectively, furnished two selections each, and two soloists from the former contributed their share to the list of numbers. The enthusiasm of the audience was well shown by repeated calls for encores, to which the musicians responded generously.

The program was as follows:—

Onward—H. J. Stiebel 1909, Glee Club.
Good Night, Beloved, Good Night—

Mr. Arthur Killion.

Cello Solo—Fisher, Mandolin Club.
The Two Grenadiers—Schumann,

W. B. Jenkins 1909.

Sandman—Brotherde, Glee Club.
The Great Divide, Mandolin Club.

The Mandolin Club rendered "The Bird and the Brook" as one of the encores, and the Glee Club "Boyle's Law."

The general opinion of the audience seemed to be that the musical clubs had done remarkably well and that they have begun to reap the rewards for their hard and consistent work during the past two months.

CHARLES RIVER BASIN

**Improvement Will be Discussed
Before Society of Arts**

"The Charles River Basin Improvements" will be the subject for discussion at the first meeting of the Society of Arts, to be held in Huntington Hall tonight.

The water in the basin has just reached its permanent level, and the topic has been selected as a timely subject of interest. Mr. Hiram A. Miller, chief engineer of the Charles River Basin Commission, will describe the engineering problems presented and how they were met; and Mr. W. S. Youngman, secretary of the Commission, will tell of the beneficial results of this great undertaking. Both gentlemen are entertaining speakers, and the descriptions will be illustrated with many lantern slides.

The Society of Arts was one of the fundamental conceptions of the founder of the Institute, and its meetings are a part of the educational scheme in which the public is invited to participate. The expenses of the society are defrayed by the membership dues, but its meetings are free to all and its executive committee has always extended a cordial invitation to all interested.

CALENDAR

MONDAY, DEC. 7.

1:00 P. M.—1910 class meeting, Huntington Hall.

4:00 P. M.—Meeting of associate editors in 30 C.

4:00 P. M.—Weight men report to Coach Kanaly at field in front of Lowell building.

5:00 P. M.—Tech editors in 30 C.

TUESDAY, DEC. 8.

7:30 P. M.—1908 class reunion at Union.

WEDNESDAY, DEC. 9.

7:45 P. M.—Mining Engineering Society meeting, Union.

THE TECH

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Monday, December 7, 1908.

Awaking at last from a long, deep sleep, the Society of Arts announces its new plans with an assurance of success that is to be heartily commended. The admirable course of talks which has been arranged cannot fail to be appreciated, and it is quite worth a little effort on your part to start in by hearing Mr. Miller and Mr. Youngman tonight, in the opening talk of the series. Don't miss any.

Do we want a baseball team which shall represent Technology? Yes! if through the enthusiastic support of all undergraduates and hard work on the part of the candidates, we produce a nine which can cope favorably with the teams of other colleges of recognized standing. No!—if a few lovers of the game with half-baked energy are to worry through an unsuccessful season with neighboring preparatory schools and weak colleges.

If varsity baseball is to receive the backing of only those few who answered the call for a mass meeting on Friday it would be better dropped and the surplus energy which is gasping for an outlet be directed toward a more consistent support of those sports already established.

COMMUNICATION

To the Editor of The Tech:

Several weeks ago the Institute Committee announced that the sophomore class could not have class pipes. There is a question in my mind as to where the Institute Committee obtained the authority to make such a statement.

Some of the students of the Institute think that it is the custom for only the class winning Field Day to get class pipes. So far as I can ascertain, there has been only one other class that lost Field Day both years. Customs are not formed by the example of one body. Repetition is very necessary. Since one class failed to win Field Day either time, and perhaps did not get pipes, it does not follow that succeeding classes losing both Field Days are bound to suffer the loss of class pipes. So far as I have been able to ascertain, the custom of having class pipes originated in Tech as it originated in other institutions of learning. The students who smoked decided to have pipes with class numerals, regardless of whether there existed anything of the nature of Field Day. They obtained class pipes, simply because their attachment to their class led them to and perhaps, because they hoped to have some class relic after their class had broken up at graduation.

It will certainly seem a shame if this sophomore class allows itself to be bluffed by a few students, who have not the authority to do so. This class can have its pipes and can smoke them on Rogers steps to its heart contentment.

Now I come to a vital question. Who gave the Institute Committee authority to exist? So far as I can

ascertain, this committee derived its authority to exist from itself, only. If any member of this committee is asked, "What is the Institute Committee?" he will answer with this sentence of big words: "It is the student Governing Board." This statement it not true. To be a student governing board it must have authority from the student body. This authority has never been given to this committee. Each class sending several members to this committee does not give it any authority, whatever. Bringing these fellows together makes a body which will do, what the Institute Committee has done, namely, anything that will create a sensation.

I am heartily in favor of having a student governing board, but I am in favor first of giving authority to a board of students to govern the student body. I believe such a body should have the power to look after the interests and activities of the Institute, common, only, to the four classes. It should have no dictatorial power over any of the classes.

To bring this question of "What the Institute Committee is, and what it can do?" to an everlasting close, I suggest that each class have a meeting and appoint committees to draw up a constitution for a student governing board. This constitution should tell what the board is, what it can do, what it cannot do, etc. After these committees have drawn up this constitution, it should be submitted to each class for amendment and ratification.

I firmly believe that if this governing board is organized in such a manner, there will never be the slightest doubt as to what the board is and what its powers are. The Institute could well be proud of such a board.

Sincerely,

F. M. Heidelberg 1909.

FERGUSON TO SPEAK

Thursday evening, Dec. 10, the Electrical Engineering Society will hold its second dinner of the term. The society will be addressed by President Ferguson, of the American Institute of Electrical Engineers, and by members connected with the department.

The basketball game with Boston College, scheduled for Wednesday night, has been cancelled. The college team has just been organized and would stand but little show against the fast Institute five.

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M.I.T. DEFEATS Y.M.C.A.

Wins Fencing Meet by Brilliant
 Defensive and Offensive Work

Amid the applause of several hundred, Technology won the fencing meet with the Boston Y. M. C. A., last Saturday, by eight bouts to one. The match that was lost was really a draw, but was awarded to the Y. M. C. A. man because of his better form.

Ensign H. G. Knox, U. S. N., 1911, did magnificent work and he has a great chance for the intercollegiate fencing championship. His defensive work was brilliant and his opponent seldom had a chance to outfence him. While his offensive work was not as good as his defense, nevertheless, he was quick to pick openings in his opponent's defense.

E. M. Loring 1909, last year's captain, was brilliant in his offensive work. He fairly took his opponent off his feet and kept him continually on the defence.

Capt. V. C. Grubnau 1909, while not so brilliant as his two team-mates, did excellent work, and he can be counted upon every time to give his opponent the hardest kind of a match.

Of the Y. M. C. A. team, L. Barroll, Harvard 1909, did the best work. His fencing was the exact duplicate of Loring's. He was very good offensively, but weak on the defence. The other members of the Y. M. C. A. team were Capt. W. C. Bowers, Harvard 1910, and Dr. C. E. Brewer of Leyden University, Germany.

The summary:—

- 1—E. H. Loring, Tech, defeated W. C. Bowers, Y. M. C. A.
 - 2—L. Barroll, Y. M. C. A., defeated V. C. Grubnau, Tech.
 - 3—H. G. Knox, Tech, defeated Dr. Brewer, Y. M. C. A.
 - 4—V. C. Grubnau, Tech, defeated W. C. Bowers, Y. M. C. A.
 - 5—E. M. Loring, Tech, defeated L. Barroll, Y. M. C. A.
 - 6—H. G. Knox, Tech, defeated W. C. Bowers, Y. M. C. A.
 - 7—V. C. Grubnau, Tech, defeated Dr. Brewer, Y. M. C. A.
 - 8—H. G. Knox, Tech, defeated L. Barroll, Y. M. C. A.
 - 9—E. M. Loring, Tech, defeated Dr. Brewer, Y. M. C. A.
- Total—Technology, 8 bouts. Y. M. C. A.—1 bout.

FACULTY NOTICES

THIRD AND FOURTH YEAR STEAM ENGINEERING—Has been changed on Mondays at 11, from 47 A to 31 A.

THIRD YEAR—Mr. Charles L. Hubbard will meet the students in Option 2 of Course IV on Wednesdays 11-1 and Saturday at 10, for work in heating and ventilation, in Room 40 A, Pierce, beginning Dec. 5.

BASEBALL PROSPECTS

Plans for Varsity Team are
 Already Made

For the first time in ten years the Institute will have a varsity baseball team. In spite of the large number of men who declared themselves in favor of the sport by signing a petition to that effect, the mass meeting called last Friday to consider the matter was poorly attended. W. J. Kelley 1909, acting under an appointment by the Athletic Association, presided.

Kelley stated in opening that a varsity nine had been tried before with poor results, but that there was no reason, providing sufficient interest is shown in the game, why Tech could not have a baseball team that can creditably represent the Institute on any college diamond. Perhaps the greatest problem to be solved would be that of financial backing. At first, the experienced players will be relied upon as coaches, and although the ultimate success of the team is dependent upon these stars, there will be plenty of room for material less experienced. As soon as the approval of the Athletic Association can be obtained, a subscription list will be started which is headed by a gift of \$25 from an instructor in the chemical department. After that it will be up to the student body to support the team financially.

The following men handed in their names as candidates for the team:—

C. E. Green 1910, T. B. Parker 1911, L. W. Pritchett 1910, T. F. McLaughlin, Jr. 1911, P. J. Dillon 1910, H. C. Williams 1911, P. D. Horgan 1912, W. B. Hopkins 1911, C. R. Benton 1910, J. L. Taylor 1910, G. S. Thomas 1912, W. Gasche 1912, C. H. Harrington 1910, W. G. Harrison 1910, and Horne 1910.

The men who will try for manager and assistant are:—H. D. Billings 1910, J. G. Tripp 1910, G. C. Kenny 1911, O. B. Dennison 1911, H. G. Jenks 1911, and W. H. Hildebrand 1911. A permanent manager will be selected from the junior class, and an assistant from the sophomores.

SCHOOL BOY RUN

The school boys ran their second annual cross-country run under the auspices of the M. I. T. A. A., at the Field Friday afternoon. The officials of the run were prominent Technology men. Major Briggs acted as referee. Coach Kanaly was the starter, Capt. R. Ellis 1909, was the official timer, and Manager K. D. Fenstrom 1910, was one of the judges at the finish.

Team	Points.
Prov. Tech. High	26
Prov. Class. High	30
Brookline High	65
English High	72
Mechanic Arts	87
High School of Commerce	139
Quincy High	183

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83 NEWBURY STREET, BOSTON

The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

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ROGERS ANNIVERSARY

(Continued from page 1.)

arly way; an institution which in the
freedom from snobbishness among its
students, in the spirit of cooperation
among those students, and between un-
dergraduate and instructor, in the ab-
sence of rank lists, honorary degrees,
and other old-world inheritances, is a
true democracy.

President Rogers' further aim was to
have the Institute become eventually
a university based upon pure applied
science, but broadening into philosophy,
a true university, moreover, where, on
the one hand, the advanced student
should have every faculty for probing
the deepest scientific problems, and
where, on the other hand, the humblest
mechanic should find substantial edu-
cational help.

Dying at the graduation exercises,
May 30, 1882, President Rogers lived
only long enough to see the Institute
emerge from the doubt and extreme
poverty of the experimental stage. But
he had foreseen the extraordinary in-
dustrial development of the last twenty
years in which Technology men have
had so large a place, and he had
planned an institute broad enough to
meet it. That those men have kept
pace with the educational and industri-
al demands, that they have given the
Institute its high reputation among col-
leges, is because, through the teaching
of the Faculty and through the tra-
ditions of the school, they have been
imbued with the character of the Foun-
der, who not only established the In-
stitute of Technology, but who created
also the Technology atmosphere and
spirit. Other college founders have en-
dowed with money; Rogers gave some-
thing of far more worth—himself.

CLASS OF 1908 MEETS

Tomorrow night at 7 o'clock, the
class of 1908 will meet at the Union
for its first reunion since graduation.
Up to Friday night over fifty fellows
had signified their intention of being
present. H. T. Gerrish, first marshal
on class day, will preside at the busi-
ness meeting. Mr. Frederick H. Fay,
secretary of the association of class
secretaries, will speak on the second all
Technology reunion which takes place
next June. At the meeting a committee
will be appointed to take charge of the
1908 end of this big reunion. The
question of the new constitution of the
class of 1908 will also be brought up
at this meeting. Those who are ex-
pecting to attend the 1908 reunion to-
morrow night, and have not already
replied to the notices which were sent
out, are requested to leave word at the
cage for R. B. Weiler, secretary.

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NOTICES

The Executive Committee of the So-
ciety of Arts extends to all students
a cordial invitation to listen to this
evening's discussion by Messrs. Miller
and Youngman, of the Charles River
Basin Commission, in Huntington Hall
at 8 o'clock tonight.

1910 CLASS MEETING—Monday, 11
P. M., Huntington Hall.

CROSS-COUNTRY TEAM—The pic-
ture of the cross-country team will be
taken at Notman's, 3 Park street,
Tuesday at 1 P. M.

1909—Nominations for the senior
portfolio committee may be left at the
cage for the election committee. Each
nomination must be signed by at least
10 members. Nominations close Satur-
day, Dec. 12, 1908.

CLASS OF 1908—There will be a re-
union of the members of the class of
1908, residing in and around Boston, at
the Tech Union, Tuesday evening, Dec.
8, 1908, at 7 P. M. All past and pres-
ent members of the class are requested
to be present. Dinner will be served
at 7:30. Tickets 75 cents.

Please leave replies at cage to the
notices which were mailed.

R. B. Weiler, Res. Sec.

MEETING—Of those interested in
forming a Tech orchestra in 26 Rogers
at 4:15 P. M. Tuesday, Dec. 8.

TECHNOLOGY CLUB—The third
smoke talk of the season will be given
by Mr. James B. Connolly, the well
known writer of sea tales, Tuesday
evening, Dec. 8, at 8 o'clock. Mr. Con-
nolly accompanied the fleet around Cape
Horn and will give an account of his
experiences, with much of interest
about the navy. Members are privi-
leged to invite guests.

CLASSIFIED ADS

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